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GENERAL SITUATION OF EUROPEAN STANDARDIZATION UNDER THE CONSTRUCTION PRODUCTS REGULATION

February 2014



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1. Executive Summary

The Construction Sector is the biggest single area of work in CEN with around 3000 work items, both product standards and test methods. Of these about 600 product standards will be harmonized under the Construction Products Regulation (EU 305/2011) and another 1500 supporting standards are required to allow for the CE marking of the relevant construction products.

Considering the requirements of the Construction Products Regulation (CPR), a number of harmonized product standards may need amendments to allow for the establishment of DoP (Declaration of Performance). Progressively the standards will be updated to include a new Annex ZA and introduce some changes in the terminology to be in line with the CPR.

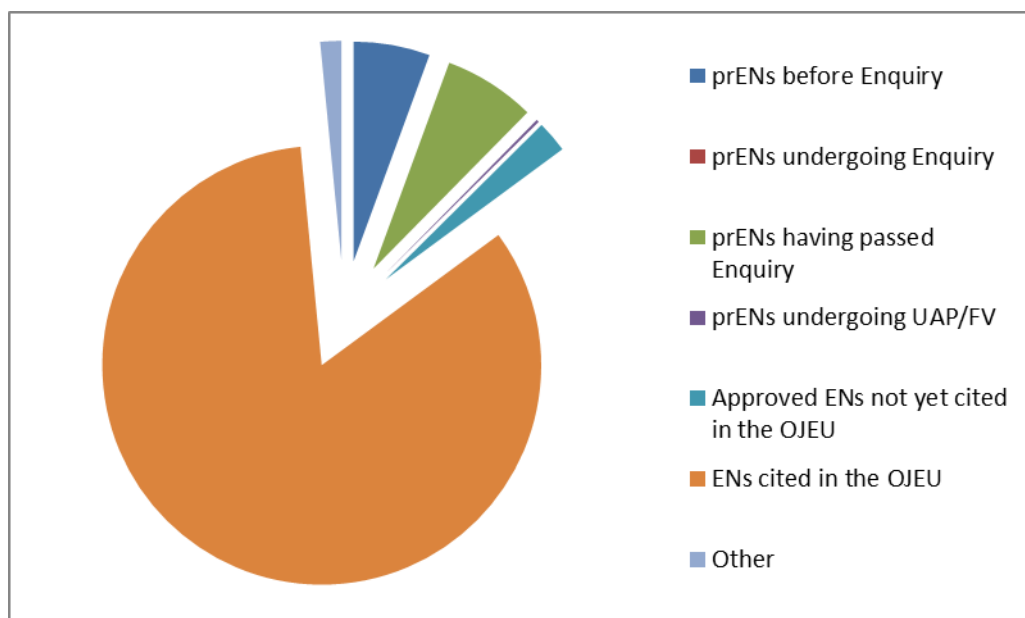
The following table shows the general progress since the last report to SCC. The figures shown in the table do not cover the amendments and the corrigenda to the harmonized product standards.

STAGES	SITUATION 2013	SITUATION 2014
	May (SCC)	February (SCC)
Total number of drafts/standards concerned	508	517
Total number of standards approved	444	451
ENs made available to CEN Members	444	449
ENs cited in OJEU	421	432
ENs not yet available	4	2
Drafts having failed FV/UAP	2	1
Drafts undergoing FV/UAP	2	1
Draft received in CCMC for FV/UAP	5	9
Drafts having passed the CEN Enquiry stage and progressing at the level of CEN/TCs for FV	19	26
Drafts undergoing CEN Enquiry	8	0
Drafts in CCMC for CEN Enquiry	1	2
Drafts under preparation at TC level for CEN Enquiry	23	27

CEN has finalized so far 451 standards out of a current total of +/- 517 candidate harmonized product standards, of which 432 have been cited in the OJEU at the time of the drafting of the current report.



A number of current harmonized standards has been revised and is expected cited soon. In addition 12 new references are waiting to be cited for the first time.



Moreover, new mandates (ETICS, anchors, gypsum products, etc.) and revised CEN/TC answers to mandates covering new work items, should continue to increase the total number of candidate harmonized product standards to reach the expected total number of 600 (included standards that will be linked to mandate M/136rev 2, covering products in contact with water intended for human consumption).

2. New references candidate for citation

The following 12 new references have been published and have been proposed to be included in the new consolidated list of the OJEU.

Standard	Title of the candidate harmonized standard	Date of availability
EN 16025-1:2013	Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster	2013-05-01
EN 15501:2013	Thermal insulation products for building equipment and industrial installations - Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products - Specification	2013-04-24
EN 15037-5:2013	Precast concrete products - Beam-and-block floor systems - Part 5: Lightweight blocks for simple formwork	2013-05-01



Standard	Title of the candidate harmonized standard	Date of availability
EN 12566-7:2013	Small wastewater treatment systems for up to 50 PT - Part 7: Prefabricated tertiary treatment units	2013-04-17
EN 15286:2013	Agglomerated stone - Slabs and tiles for wall finishes (internal and external)	2013-06-19
EN 16361	Power operated pedestrian doors - Product standard, performance characteristics - Pedestrian doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics	2013-10-09
EN 15101-1	Thermal insulation products for buildings - In-situ formed loose fill cellulose (LFCI) products - Part 1: Specification for the products before installation	2013-09-25
EN 15682-2	Glass in building - Heat soaked thermally toughened alkaline earth silicate safety glass - Part 2: Evaluation of conformity/Product standard	2013-07-31
EN 12602	Prefabricated reinforced components of autoclaved aerated concrete	2013-07-24
EN 1790	Road marking materials - Preformed road markings	2013-10-02
EN 16240	Light transmitting flat solid polycarbonate (PC) sheets for internal and external roofs, walls and ceilings - Requirements and test methods (CPR)	2013-12-04
EN 15683-2	Glass in Building - Thermally toughened soda lime silicate channel shaped safety glass - Part 2: Evaluation of conformity/Product standard	2013-12-11

3. Harmonized product standards

CEN has made available European Standards covering products from the major construction product families.

Annex 1 gives the complete overview of the list of harmonized product standards already cited in the OJEU and candidate harmonized waiting citation or under development.

Additional information on the development of European Standards under CPR is available in the [CEN website](#).

It should be noted that several missing EC decisions (now delegated acts) need to be progressed by the EC in order to finalize the respective harmonized standards.

4 European Standards have been published with the Annex ZA for the CPR as well as the terminology and clauses for AVPC in line with the CPR. This information is included in Annex 1.



4. List of mandates and CEN/TCs working under CPR

Since February 1995, CEN has received about 33 mandates (+ relevant amendments) under the CPD (now CPR), covering about 30 families of products and another 2 mandates covering reaction and resistance to fire, with amendments, and 1 covering the development of test methods for dangerous substances.

Following the mandates received under the Construction Products Directive, 74 CEN and ECISS Technical Committees are drafting/amending candidate harmonized product standards and the relevant supporting standards. Besides these, CEN/TC 38 "Durability of wood and derived materials", CEN/TC 89 "Thermal performance of buildings and building components", CEN/TC 126 "Acoustic properties of building elements and of buildings", CEN/TC 127 "Fire safety in buildings" and CEN/TC 351 "Construction products-assessment of release of dangerous substances" are involved with the elaboration of the relevant horizontal test methods and CEN/TC 339 "Determination of the parameters of slip".

The work of CEN/TC 350 "Sustainability of construction works" can be used when mandates to cover the Basic Requirement for Construction Work number 7 (Sustainable use of natural resources) will be issued.

Annex 2 shows the list of mandates received and the Technical Committees preparing standards for the specific mandate.

It should be noted that the following answers to mandates have been forwarded to the EC and CCMC has not yet received any reply from the EC.

Mandate	TC	Date of submission	Observation
105	180	2009-07-27	
118	165	2011-07-06	Clarification provided to EC and acceptance expected
119r1	303	2011-08-29	
119r1	67	2012-02-24	
489	88	2012-03-16	
109	72	2012-09-07	
131	393	2012-07-27	
108	33	2012-08-28	
102	254	2012-08-28	
121	246/229	2012-08-28	
120	185	2013-04-12	
119r1	246/229	2013-04-12	
101	33	2013-08-26	
121	357	2013-10-18	
103	88	2013-10-18	
111	226	2013-10-18	
119r1	134	2013-10-18	

Several amendments of the answer to the mandate will be forwarded to the EC in the upcoming weeks.



5. Mandates agreed by SCC but not yet received

No amendments agreed in the SCC, however the mandate for fire protective products has been discussed in the last SCC meeting and there was no further information.

6. Progress of M/366 (Dangerous substances)

The first horizontal technical specification CEN/TS 16516:2013 'Assessment of release of dangerous substances - Determination of emissions into indoor air' has been made available by CEN/TC 351 (Construction Products - Assessment of release of dangerous substances)

The following documents are also available :

DOCUMENT REFERENCE	TITLE
CEN/TR 15855:2009	Construction products - Assessment of release of dangerous substances - Barriers to trade
CEN/TR 15858:2009	Construction products - Assessment of the release of regulated dangerous substances from construction products based on the WT, WFT/FT procedures
CEN/TR 16045:2010	Construction Products - Assessment of release of dangerous substances - Content of regulated dangerous substances - Selection of analytical methods
CEN/TR 16098:2010	Construction products: Assessment of release of dangerous substances - Concept of horizontal testing procedures in support of requirements under the CPD
CEN/TR 16220:2011	Construction products - Assessment of release of dangerous substances - Complement to sampling
CEN/TR 16410:2012	Construction products - Assessment of release of dangerous substances - Barriers to use - Extension to CEN/TR 15855 Barriers to trade
CEN/TS 16516:2013	Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air
CEN/TR 16496:2013	Construction Products - Assessment of release of dangerous substances - Use of harmonized horizontal assessment methods

The following WIs are currently under development in CEN/TC 351:

WORK ITEM	REFERENCE	TITLE	STATUS	DAV
00351008	FprCEN/TS 16637-1	Guidance standard for CEN Product TCs for selection of leaching tests appropriate for their product(s) - General principles	Under Approval	2014-05



00351009	FprCEN/TS 16637-2	Generic horizontal dynamic surface leaching test (DSL) for determination of surface dependent release of substances from monolithic or plate-like or sheet-like construction products	Under Approval	2014-05
00351010	CEN/TC 351/WG1 N 162	Generic horizontal up-flow percolation test for determination of the release of substances from granular construction products	Under Drafting	
00351012		Construction products - Assessment of release of dangerous substances - Terminology	Under Drafting	
00351013		Construction products - Assessment of release of dangerous substances - Guidance on evaluation of conformity	Under Drafting	
00351014		Construction products - Assessment of release of dangerous substances - Determination of the activity concentrations of 226Ra, 232Th and 40K using gamma-ray spectrometry	Under Drafting	
00351016		Construction Products - Assessment of release of dangerous substances - Analysis of inorganic substances in eluates	Under Drafting	
00351017		Construction products - Assessment of release of dangerous substances - Digestion of construction products by aqua regia	Under Drafting	
00351018		Construction products - Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Part 1: Analysis by Inductive Coupled Plasma - Optical Emission Spectrometry (ICP-OES)	Under Drafting	
00351019		Construction products - Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Part 2: Analysis by Inductive Coupled Plasma - Mass Spectrometry (ICP-MS)	Under Drafting	
00351020		Construction products - Assessment of release of dangerous substances - Determination of dose assessment and classification for emitted gamma radiation	Under Drafting	
00351021		Construction products - Assessment of release of dangerous substances - Analysis of content of inorganic substances	Under Drafting	



00351022		Construction products: Assessment of release of dangerous substances - Guidance on assessment and verification of constancy of performance - Part 1: Principles and rules of application	Under Drafting	
00351023		Construction products: Assessment of release of dangerous substances - Guidance on assessment and verification of constancy of performance - Part 2: Technical and statistical background	Under Drafting	
00351024		Construction products - Assessment of release of dangerous substances - Content of non-volatile organic substances - Methods for extraction and analysis	Under Drafting	
00351025	prEN 16516	Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air	Under Drafting	
00351026		Construction products - Assessment of release of dangerous substances - Analysis of non-volatile organic substances in eluates	Under Drafting	
00351027		Construction products - Assessment of release of dangerous substances - Preparation of test portions from the laboratory sample for analysis of eluates and digests	Under Drafting	

7. Progress of M/136 rev2 (Products in contact with drinking water)

The first Mandate M136 was issued to CEN in 2001. This Mandate was drawn up on the assumption that a single European regulatory assessment scheme would be drawn up for the acceptance of products in contact with drinking water – the EAS. A programme of work on test methods was prepared by TC164/WG3 and accepted by the Commission. No work on product standards was possible until more information became available on the EAS. During 2005/6 the Commission withdrew its support for the EAS, and stated that the work would proceed purely under the harmonization provisions of the CPD. Mandate M36Rev1 was issued in 2006, but unfortunately still made references to the EAS, and proved not to be a workable basis for the drafting of harmonized product standards.

However, work was continuing on test method standards, but it was becoming increasingly clear that it would not be concluded without additional guidance on the regulatory aspects of both testing and product approval. In 2007 the Commission asked France, Germany, The Netherlands and UK



to produce proposals for regulatory guidance on test methods. These countries (who became known as the 4MS Group) produced a Report in April 2008. This covered two topics:

- Suggested regulatory guidance on some test methods
- Information on plans by the 4MS to try to develop a “Common Approach” to product assessment in their four countries to try to avoid multiple assessments and testing.

A further revision of M136 was produced in September 2008, which removed all reference to the EAS, and was much more directly related to the development work on assessment methods that was currently proceeding. CEN/BT “received” the Mandate in December 2010, stating that it could only be “accepted” when the required regulatory guidance had been received.

a) Test methods

The regulatory guidance produced by the 4MS in April 2008 was subsequently agreed by the Commission’s Expert Group and passed to CEN. Further guidance has been received following the same process. A reply from WG3 to M136Rev2, setting out the current programme of work, has recently been accepted by the Commission. The work on drafting the test method standards is now well advanced, and should be soon concluded.

b) Harmonized product standards

The CEN Product TCs expected to reply to M136Rev2 have analysed the regulatory guidance provided by the EC on the test requirements for product approval. The work on this guidance is proceeding in the 4Ms Group that is reviewing national practice with the aim of finding a “Common Approach”.

The first feedback from the product TCs is that the regulatory is not clear and additional information will be requested. A specific meeting will be organised with the EC and the respective Technical Committees in order to understand the meaning of the positive list of substances.



ANNEX 1: Complete list of harmonized and candidate harmonized standards

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
M/100	Precast concrete products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Elements for fences (EN 12839); ▪ Prefabricated reinforced components of lightweight aggregate concrete (EN 1520); ▪ Special roof elements (EN 13693); ▪ Hollow core slabs (EN 1168); ▪ Precast concrete garages (EN 13978-1); ▪ Floor plates for floor systems (EN 13747); ▪ Linear structural elements (EN 13225); ▪ Ribbed floor elements (EN 13224); ▪ Foundation piles (EN 12794); ▪ Masts and poles (EN 12843); ▪ Precast concrete products – Box culverts (EN 14844); ▪ Precast concrete products – Foundation elements (EN 14991); ▪ Precast concrete products – Wall elements (EN 14992) ▪ Beam-and-block floor systems – Part 1: Beams (EN 15037-1); ▪ Beam-and-block floor systems – Part 4: Polystyrene blocks (EN 15037-4); ▪ Precast concrete products – Bridge elements (EN 15050); ▪ Precast concrete products – Stairs (EN 14843); ▪ Floor slats for livestock (EN 12737); ▪ Retaining wall elements (EN 15258) ▪ Normal weight and lightweight concrete shuttering blocks – Product properties and performance (EN 15435); ▪ Wood-chip concrete shuttering blocks – Product properties and performance (EN 15498); 	

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Beam-and-block floor systems – Part 2: Concrete blocks (EN 15037-2); ▪ Beam-and-block floor systems – Part 3: Clay blocks (EN 15037-3); <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Prefabricated reinforced components of autoclaved aerated concrete (EN 12602)</i> ▪ <i>Beam-and-block floor systems – Part 5: Lightweight blocks (EN 15037-5)</i> 	
M/101	Doors, windows and related products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Building hardware (EN 179); ▪ Panic exit devices (EN 1125); ▪ Controlled door closing devices (EN 1154); ▪ Electrically powered hold-open devices (EN 1155); ▪ Door coordinator devices (EN 1158); ▪ Industrial, commercial and garage doors and gates (EN 13241-1); ▪ External blinds (EN 13561); ▪ Shutters (EN 13659); ▪ Single-axis hinges (EN 1935); ▪ Locks and latches-- Mechanically operated locks, latches and locking plates - Requirements and test methods (EN 12209) ▪ Windows and doors – Product standard, performance characteristics – Part 1: Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics (EN 14351-1) ▪ Building hardware – Locks and latches – Electromechanically operated locks and striking plates – Requirements and test methods (EN 14846). 	<ul style="list-style-type: none"> ▪ Building hardware - Uncontrolled Door Closing Devices for single action doors - Requirements and test methods (prEN 15887) ▪ Multipoint locks and their locking plates (prEN 15685); ▪ Single swing spring hinge closing devices (WI 00033327); ▪ Electrically controlled panic exit systems for use on escape routes (prEN 13633); ▪ Electrically controlled emergency exit systems for use on escape (prEN 13637); ▪ Lever handles and knob furniture (prEN 1906) ▪ Internal pedestrian doors – Part 2: Internal pedestrian doorsets without resistance to fire characteristics (prEN 14351-2); ▪ Pedestrian doorsets, industrial, commercial, garage doors and windows - Product standard, performance characteristics - Fire resistance and/or smoke control characteristics (prEN 16034)



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Power operated pedestrian doors - Product standard, performance characteristics - Pedestrian doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics (EN 16361);</i> 	<ul style="list-style-type: none"> ▪ Internal blinds for buildings – (EN 13120:2009/prA1) <i>work not yet started to include Annex ZA (amendment to M/101 received in CCMC)</i>
M/102	Membranes	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Reinforced bitumen sheets for roof waterproofing (EN 13707); ▪ Flexible sheets for waterproofing- Plastic and rubber vapour control layers (EN 13984); ▪ Bitumen water vapour control layers (EN 13970); ▪ Bitumen damp proof sheets including bitumen basement tanking sheets (EN 13969); ▪ Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheets (EN 13967); ▪ Underlays for walls (EN 13859-2); ▪ Underlays for discontinuous roofing (EN 13859-1); ▪ Plastic and rubber sheets for roof waterproofing (EN 13956) ▪ Flexible sheets for waterproofing – Plastic and rubber damp proof courses – Definitions and characteristics (EN 14909) ▪ Flexible sheets for waterproofing – Bitumen damp proof courses – Definitions and characteristics (EN 14967) ▪ Polymer modified bituminous thick coatings for waterproofing - Definitions and requirements (EN 15814) 	Completed



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation (EN 14891) 	
M/103	Thermal insulation products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Factory made mineral wool (EN 13162*); ▪ Factory made products of expanded polystyrene (EPS) (EN 13163*); ▪ Factory made products of extruded polystyrene foam (XPS) (EN 13164*); ▪ Factory made rigid polyurethane foam (PUR) products (EN 13165*); ▪ Factory made products of phenolic foam (PF) (EN 13166*); ▪ Factory made cellular glass (CG) products (EN 13167*); ▪ Factory made wood wool (WW) products (EN 13168*); ▪ Factory made products of expanded perlite (EPB) (EN 13169*); ▪ Factory made products of expanded cork (ICB) (EN 13170*); ▪ Factory made wood fibre (WF) products (EN 13171*); ▪ In-situ formed expanded clay lightweight aggregate products (LWA) (EN 14063-1); ▪ In-situ thermal insulation formed from expanded perlite (EP) products (EN 14316-1); ▪ In-situ thermal insulation formed from exfoliated vermiculite (EV) products (EN 14317-1); ▪ Factory made products of expanded polystyrene (EPS) (EN 14933); ▪ Factory made products of extruded polystyrene foam (XPS) (EN 14934); ▪ Specification for the loose-fill products before installation (EN 14064-1); 	<ul style="list-style-type: none"> ▪ Specification for the foam system before installation (prEN 15100-1); ▪ Urea formaldehyde (building equipment and industrial applications) – Part 1: Specification for the cellulose before installation (WI 00088197) ▪ Thermal insulation products for buildings – In-situ bonded expanded polystyrene (EPS) beads – Part 1: Specification for the bonded products before installation (WI 00088274) ▪ Factory made composite products – Specification (prEN 16491) <i>New amended answer forwarded to EC.</i> ▪ Plastics - Thermoplastic jackets for insulation products for building equipment and industrial installations - Requirements and test methods (prEN 15701). <i>New WI created</i>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Factory made mineral wool (MW) products (EN 14303); ▪ Factory made flexible elastomeric foam (FEF) products (EN 14304); ▪ Factory made cellular glass (CG) products (EN 14305); ▪ Factory made calcium silicate (CS) products (EN 14306); ▪ Factory made extruded polystyrene foam (XPS) products (EN 14307); ▪ Factory made rigid polyurethane foam (PUR) and polyisocyanurate foam (PIR) products (EN 14308); ▪ Factory made products of expanded polystyrene (EPS) (EN 14309); ▪ Factory made polyethylene foam (PEF) products (EN 14313); ▪ Thermal insulation products for building equipment and industrial installations - Factory made phenolic foam (PF) products – Specification (EN 14314) ▪ Thermal insulation products for building equipment and industrial installations – In-situ thermal insulation formed from expanded perlite (EP) products – Part 1: Specification for bonded and loose-fill products before installation (EN 15599-1); ▪ Thermal insulation products for building equipment and industrial installations – In-situ thermal insulation formed from exfoliated vermiculate (EV) products – Part 1: Specification for bonded and loose-fill products before installation (EN 15600-1); ▪ Thermal insulation products for buildings - Factory made products of polyethylene foam (PEF) – Specification (EN 16069); ▪ Expanded clay lightweight aggregate products (EN 15732); ▪ Specification for the rigid foam spray system before installation (EN 14315-1) ▪ Specification for the rigid foam dispensed system before installation (EN 14318-1); 	

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Specification for the rigid foam dispensed system before installation (EN 14319-1); ▪ Specification for the rigid foam spray system before installation (EN 14320-1) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Specification for the products before installation (EN 15101-1);</i> ▪ <i>Thermal and/or sound insulating products in building construction - Bound EPS ballastings - Part 1: Requirements for factory premixed EPS dry plaster (EN 16025-1)</i> ▪ <i>Thermal insulation products for building equipment and industrial installations - Factory made expanded perlite (EP) and exfoliated vermiculite (EV) products – Specification (EN 15501:2013)</i> 	
<p>M/104</p>	<p>Structural bearings</p> <p><i>Note: See also M/132</i></p>	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Spherical and cylindrical PTFE bearings (EN 1337-7); ▪ Roller bearings (EN 1337-4); ▪ Rocker bearings (EN 1337-6); ▪ Elastomeric bearings (EN 1337-3); ▪ Pot bearings (EN 1337-5); ▪ Structural bearings - Part 8: Guide Bearings and Restraint Bearings (EN 1337-8) 	<p>Completed</p>
<p>M/105</p>	<p>Chimneys, flues and specific products</p>	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Chimneys components-Concrete outer wall elements (EN 12446) ; ▪ Clay/ceramic flue terminals (EN 13502); ▪ Clay/ceramic flue liners - Part 1: Flue liners operating under dry conditions (EN 1457-1) ▪ Clay/ceramic flue liners - Part 2: Flue liners operating under wet conditions (EN 1457-2) ; ▪ Chimneys - Requirements for metal chimneys - Part 1: 	<ul style="list-style-type: none"> ▪ Non-domestic direct gas-fired forced convection air heaters (prEN 525); ▪ <i>Chimneys - Concrete System Chimneys - Part 1: Non-balanced flue applications (WI 00166088)</i> ▪ <i>Chimneys - Concrete System Chimneys - Part 2: Balanced flue applications (WI 00166099)</i> ▪ <i>EN 16475 series ‘Accessories ‘to be added</i>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<p>System chimney products (EN 1856-1)</p> <ul style="list-style-type: none"> ▪ Chimneys - Requirements for metal chimneys - Part 2: Metal flue liners and connecting flue pipes(EN 1856-2); ▪ Concrete flue liners (EN 1857); ▪ Concrete flue blocks (EN 1858); ▪ Chimneys - System chimneys with clay/ceramic flue liners - Part 1: Requirements and test methods for sootfire resistance (EN 13063-1) ▪ Chimneys - System chimneys with clay/ceramic flue liners - Part 2: Requirements and test methods under wet conditions (EN 13063-2); ▪ Clay/ceramic outer walls for system chimneys (EN 13069); ▪ Free-standing chimneys-material for brick liners (EN 13084-5); ▪ System chimneys with plastic flue liners (EN 14471) (CPR) ▪ Free-standing chimneys – Cylindrical steel fabrications for use in single wall steel chimneys and steel liners (EN 13084-7). ▪ Chimneys – Clay/ceramic flue blocks for single wall chimneys – Requirements and test methods (EN 1806:2006) ▪ Vertical air/flue terminals for C6-type appliances (EN 14989-1); ▪ Requirements and test methods for air flue system chimneys (EN 13063-3); ▪ Flue and air supply ducts for individual room sealed appliances (EN 14989-2); ▪ Single burner gas-fired overhead radiant tube heaters for non-domestic use - Part 1: Safety (EN 416-1) ▪ Non-domestic gas-fired forced convection air heaters (EN 621); ▪ Domestic gas-fired forced convection air heaters for 	<p><i>Not yet in the TC 166 answer</i></p>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		space heating (EN 1319); <ul style="list-style-type: none"> ▪ Domestic gas-fired forced convection air heaters (EN 778) ▪ Non-domestic gas-fired forced convection air heaters for space heating (EN 1020); ▪ Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 1: System D – Safety (EN 777-1) ▪ Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 2: System E – Safety (EN 777-2) ▪ Multi-burner gas-fired overhead radiant tube heater systems for non domestic use - Part 3: System F – Safety (EN 777-3) ▪ Multi-burner gas-fired overhead radiant tube heater systems for non-domestic use - Part 4: System H – Safety (EN 777-4) 	
M/106	Gypsum products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Gypsum blocks (EN 12859); ▪ Gypsum based adhesives for gypsum blocks (EN 12860); ▪ Metal framing components for gypsum plasterboard systems (EN 14195); ▪ Preformed plasterboard cornices (EN 14209); ▪ Gypsum based adhesives for thermal/acoustic insulation composite panels and plasterboards (EN 14496); ▪ Gypsum plasterboard thermal/acoustic insulation composite panels (EN 13950) ▪ Gypsum plasterboards (EN 520); ▪ Jointing materials for gypsum plasterboards (EN13963); ▪ Gypsum plasterboard products for reprocessing 	<p><i>New standards may be developed with new amendment for gypsum board partition kits.</i></p>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ (EN 14190*); ▪ Gypsum binders and gypsum plasters (EN 13279-1); ▪ Metal lath and beads- Internal plastering (EN 13658-1)- ▪ External plastering (EN 13658-2) ▪ Fibrous gypsum plaster casts - Definitions, requirements and test methods (EN 13815) ▪ Gypsum elements for suspended ceilings - Definitions, requirements and test methods (EN 14246); ▪ Prefabricated gypsum plasterboard panels with a cellular paperboard core (EN 13915); ▪ Metal beads and feature profiles for use with gypsum plasterboards (EN 14353); ▪ Mechanical fasteners for gypsum plasterboard systems (EN 14566); ▪ Gypsum boards with mat reinforcement (EN 15283-1); ▪ Gypsum boards with fibrous reinforcement - Part 2: gypsum fibre boards (EN 15283-2). 	
M/107	Geo-textiles	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Geo-textiles and geo-textile-related products for use in the construction of roads and other trafficked areas (excluding railways and asphalt inclusion (EN 13249); ▪ For use in the construction of railways (EN 13250); ▪ For use in earthworks, foundations and retaining structures (EN 13251); ▪ For use in drainage systems (EN 13252); ▪ For use in the construction of reservoirs and dams (EN 13254); ▪ For use in the construction of canals (EN 13255); ▪ For use in the construction of tunnels and underground structures (EN 13256); ▪ For use in solid waste disposals (EN 13257); ▪ For use in erosion control works (EN 13253); ▪ Characteristics required for use in liquid waste containment projects (EN 13265); 	Completed



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Geosynthetic barriers - Characteristics required for use in the construction of reservoirs and dams (EN 13361); ▪ Geosynthetic Barriers - Characteristics required for use in the construction of canals (EN 13362); ▪ Geosynthetic barriers - Characteristics required for use as a fluid barrier in the construction of tunnels and underground structures (EN 13491); ▪ Geosynthetic barriers - Characteristics required for use in the construction of liquid waste disposal sites, transfer stations or secondary containment (EN 13492); ▪ Geosynthetic barriers - Characteristics required for use in the construction of solid waste storage and disposal sites (EN 13493); ▪ Requirements for use in pavements and asphalt overlays (EN 15381); ▪ Geosynthetic barriers - Characteristics required for use in transportation infrastructure (EN 15382); 	
M/108	Curtain walling	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Curtain walling - Product standard (EN 13830) 	Completed
M/109	Fire alarm/detection, fixed fire-fighting, fire and smoke control and explosion suppression products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Fixed fire-fighting systems-components for gas extinguishing systems (EN 12094-1; EN 12094-2; EN 12094-3; EN 12094-4; EN 12094-5; EN 12094-6; EN 12094-7; EN 12094-9; EN 12094-10; EN 12094-11; EN 12094-12; EN 12094-13); ▪ Smoke and heat control systems (EN 12101-1; EN 12101-2; EN 12101-3; EN 12101-6; EN 12101-10*); ▪ Hose systems (EN 671-1; EN 671-2); ▪ Components for sprinklers (EN 12259-1; EN 12259-2; EN 12259-3; EN 12259-4; EN 12259-5); ▪ Fire alarm devices (EN 54-3); ▪ Powder supply equipment (EN 54-4); ▪ Heat detectors (EN 54-5); 	<ul style="list-style-type: none"> ▪ Components for gas extinguishing (prEN 12094-20) ▪ Control panels (prEN 12101-9) ▪ Pressure switches(prEN12259-8) ▪ Deluge valve assemblies (prEN 12259-9) ▪ Components for sprinkler and water spray systems – Part 12: Pumps (prEN 12259-12) ▪ Point detectors using a combination of detected fire phenomena (prEN 54-15) ▪ Line type heat detectors (prEN 54-22); ▪ Fire detection and fire alarm systems – Part 26: Point fire detectors using carbon monoxide sensors (prEN 54-26) ▪ Fire detection and fire alarm systems -



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Smoke detectors (EN 54-7; EN 54-12); ▪ Flame detectors-Point detectors (EN 54-10); ▪ Fire detection and fire alarm systems-Manual call points (EN 54-11); ▪ Fire detection and fire alarm systems –Short-circuit isolators (EN 54-17); ▪ Fire detection and fire alarm systems-Input/output devices (EN 54-18); ▪ Underground fire hydrants (EN 14339); ▪ Pillar fire hydrants (EN 14384); ▪ Smoke alarm devices (EN 14604*); ▪ Fire detection and fire alarm systems – Part 20: Aspirating smoke detectors (EN 54-20); ▪ Fire detection and fire alarm systems – Part 21: Alarm transmission and fault warning routing equipment (EN 54-21); ▪ Fixed firefighting systems – Components for gas extinguishing systems – Part 8: Requirements and test methods for connectors (EN 12094-8); ▪ Fire detection and fire alarm systems – Part 2: Control and indicating equipment (EN 54-2); ▪ Voice alarm control and indicating equipment (EN 54-16); ▪ Loud speakers (EN 54-24); ▪ Components using radio links and system requirements (EN 54-25); ▪ Visual alarms (EN 54-23); ▪ Ventilation for buildings - Duct mounted fire dampers (EN 15650) ▪ Smoke duct sections (EN 12101-7); ▪ Smoke control dampers (EN 12101-8); 	<p>Part 27: Duct smoke detectors (prEN 54-27)</p> <ul style="list-style-type: none"> ▪ Fire detection and fire alarm systems - Part 28: Non-resettable (digital) line-type heat detectors (prEN 54-28) ▪ Fire detection and fire alarm systems - Part 30: Multi-sensor fire detectors - Point detectors using a combination of carbon monoxide and heat sensors (prEN 54-30) ▪ Fire detection and fire alarm system - Part 31: Multi-sensor fire detectors - Point detectors using a combination of smoke, carbon monoxide and optionally heat sensors (prEN 54-31) ▪ Fire detection and fire alarm systems - Part 29: Multi-sensor fire detectors - Point detectors using a combination of smoke and heat sensors ▪ Ventilation for buildings - Fire resisting duct sections (prEN 15871); <i>New WI created 2012-11-12</i>
M/110	Sanitary appliances	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Kitchen sinks (EN 13310); 	Completed

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ WC pans and WC suites with integral trap (EN 997); ▪ Shower enclosures (EN 14428); ▪ Whirlpool baths (EN 12764); ▪ Bidets (EN 14528); ▪ Communal washing troughs (EN 14296) ▪ Wall-hung urinals – Functional requirements and test methods (EN 13407) ▪ Wash basins – Functional requirements and test methods (EN 14688) ▪ Shower tray for domestic purposes (EN 14527); ▪ Baths for domestic purposes (EN 14516); ▪ WC and urinal flushing cisterns (EN 14055); 	
<p>M/111</p>	<p>Circulation fixtures</p> <p><i>Note: See also M/132</i></p>	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Anti-glare systems for roads (EN 12676-1); ▪ Road marking materials - Drop on materials - Glass beads, antiskid aggregates and mixtures of the two (EN 1423:1997/A1:2003) ▪ Lighting columns in steel (EN 40-5:2002), aluminium (EN 40-6:2002), fibre reinforced polymer (EN 40-7:2002); reinforced and pre-stressed concrete (EN 40-4:2005) ▪ Retro-reflecting road studs (EN 1463-1); ▪ Variable message traffic signs (EN 12966-1) ; ▪ Traffic control equipment – Warning and safety light devices (EN 12352) ▪ Traffic control equipment – Signal heads (EN 12368) ▪ Road traffic noise reducing devices (EN 14388) ▪ Road restraint systems – Part 5: Product requirements and evaluation of conformity for vehicle restraint systems (EN 1317-5); ▪ Fixed, vertical road traffic signs – Part 1: Fixed signs (EN12899-1); ▪ Trans-illuminated traffic bollards (TTB) (EN 12899-2); 	<ul style="list-style-type: none"> ▪ Road marking materials – Physical properties (prEN 1871); ▪ Road restraint systems - Part 8 : Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers (prEN 1317-8). ▪ <i>Work programme is being amended to cover this product. Road marking materials - Active road studs (prEN 1463-3)</i> ▪ <i>Variable message traffic signs prEN 12966 will replace the EN 12966-1(already cited)</i>

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Delineator posts and retro-reflectors (EN 12899-3) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Preformed road markings (EN 1790)</i> 	
M/112	Structural timber products and ancillaries	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Prefabricated structural members assembled with punched metal plate fasteners (EN 14250*); ▪ Structural laminated veneer lumber (EN 14374); ▪ Glued laminated timber (EN 14080*) ▪ Strength graded structural timber with rectangular cross section (EN 14081-1*) ▪ Wood poles for overhead lines – Requirements (EN 14229). ▪ Timber structures - Connectors – Requirements (EN 14545); ▪ Timber structures - Dowel-type fasteners – Requirements (EN 14592); 	<ul style="list-style-type: none"> ▪ Finger jointed structural timber (FprEN 15497) <i>Draft dispatched to Formal Vote</i> ▪ Structural timber with round cross-section (prEN 14544); ▪ Prefabricated wall, floor and roof elements (prEN 14732); ▪ Timber structures - Cross laminated timber – Requirements (prEN 16351)
M/113	Wood-based panels	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Wood-based panels for use in construction (EN 13986) 	Completed
M/114	Cement, building limes and other hydraulic binders	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Common cements (EN 197-1); ▪ Building lime (EN 459-1); ▪ Very low heat special cements (EN 14216); ▪ Low early strength blast furnace cements (EN 197-4); ▪ Masonry cement (EN 413-1) ; ▪ Calcium aluminate cement (EN 14647) ; ▪ Hydraulic binder for non-structural applications: definition, specifications and conformity criteria (EN 15368); 	<ul style="list-style-type: none"> ▪ <i>Hydraulic road binders – Composition, specifications and conformity criteria of normal hardening hydraulic road binders (prEN 13282-2); (Standard will be submitted to UAP as soon as the adaptation to CPR is finished.)</i>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Supersulfated cement - Composition, specifications and conformity criteria (EN 15743:2010); ▪ Hydraulic road binders – Part 1: Rapid hardening hydraulic road binders – Composition, specifications and conformity criteria (EN 13282-1) <p style="text-align: center;"><u>2. Not yet cited</u></p>	
M/115	Reinforcing and prestressing steel (for concrete)	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Steel strip sheaths for prestressing tendons (EN 523); 	<ul style="list-style-type: none"> ▪ Corrosion resistant reinforcing steels (WI EC104031); ▪ Prestressing steels - Part 1: General requirements (prEN 10138-1); New WI EC 104012 ▪ Zinc and zinc alloy coated prestressing steel wires and strands (prEN 10337); New WI EC 104018 ▪ Galvanized reinforcing steel (prEN 10348-1); New WI EC 104019 ▪ Steel for the reinforcement of concrete - Weldable reinforcing steel – General (prEN 10080); New WI EC 104034 <i>NOTE: Was withdrawn from OJEU due to some additional characteristics required.</i> ▪ Pre-stressing steels – Protected and sheated strands for pre-stressing – Part 1: General requirements (EC104001)
M/116	Masonry and related products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Specification for masonry units - Part 1: Clay masonry units (EN 771-1); ▪ Calcium silicate units (EN 771-2); ▪ Aggregate concrete(EN 771-3); ▪ Autoclave aerated concrete (EN 771-4); 	<ul style="list-style-type: none"> ▪ Blocks for floor systems (WI 00125170)



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Manufactured stone masonry units (EN 771-5) ▪ Natural stone masonry units (EN 771-6) ▪ Ties, tension straps, hangers and brackets (EN 845-1); ▪ Lintels (EN 845-2); ▪ Bed joint reinforcement (EN 845-3); ▪ Rendering and plastering mortar (EN 998-1); ▪ Masonry mortar (EN 998-2); ▪ Specifications for external renders and internal plasters based on organic binders (EN 15824) 	
M/118	Waste water engineering products	<p style="text-align: center;">1. Already cited</p> <ul style="list-style-type: none"> ▪ Wastewater lifting plants for buildings and sites (EN 12050-1; EN 12050-2; EN 12050-3; EN 12050-4); ▪ Anti-flooding devices for buildings (EN 13564-1); ▪ Drainage channels for vehicular and pedestrian areas (EN 1433); ▪ Concrete manholes and inspection chambers (EN 1917); ▪ Fibre cement manholes and inspection chambers (EN 588-2); ▪ Small wastewater treatment systems (EN 12566-1); ▪ Small wastewater treatment systems for up to 50 PT - Part 3: Packaged and/or site assembled domestic wastewater treatment plants (EN 12566-3*); ▪ Fixed ladders for manholes (EN 14396); ▪ Grease separators (EN 1825-1); ▪ Separator systems for light liquids (EN 858-1); ▪ Air admittance valves for drainage systems (EN 12380); ▪ Steps for underground man entry chambers (EN 13101); ▪ Septic tanks assembled in situ from prefabricated kits (EN 12566-4); ▪ Requirements for components of manholes and inspection chambers (EN 295-6); 	<ul style="list-style-type: none"> ▪ Gully tops and manhole tops for vehicular and pedestrian areas - Part 2: Gully tops and manhole tops made from cast iron (prEN 124-2) ▪ Gully tops and manhole tops for vehicular and pedestrian areas - Part 3: Gully tops and manhole tops made from steel, aluminium alloy (prEN 124-3) ▪ Gully tops and manhole tops for vehicular and pedestrian areas - Part 4: Gully tops and manhole tops made from steel reinforced concrete (prEN 124-4) ▪ Gully tops and manhole tops for vehicular and pedestrian areas - Part 5: Gully tops and manhole tops made from composite materials (prEN 124-5) ▪ Gully tops and manhole tops for vehicular and pedestrian areas - Part 6: Gully tops and manhole tops made from Polypropylene (PP) or Polyvinyl-chloride (PVC-U) (prEN 124-6) ▪ Plastics piping systems for drainage and sewerage – Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP) – Manholes and inspection chambers (prEN 15383);

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Vitrified clay pipes and fittings (EN 295-10); <i>It will be superseded by EN 295 parts 1,4,5,6,7;</i> ▪ Prefabricated treatment units for septic tank effluent (EN 12566-6) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Prefabricated tertiary treatment units (EN 12566-7);</i> 	<ul style="list-style-type: none"> ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 2: Lining with continuous pipes (prEN 13566-2); ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes (prEN 13566-3); ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 7: Lining with spirally-wound pipes (prEN 13566-7); ▪ Plastics piping systems – Piping systems for non-pressure underground drainage and sewerage – Performance requirements for thermoplastics manholes and inspection chambers (prEN 15229); ▪ Plastics piping systems for non-pressure drainage and sewerage - Polyester resin concrete (PRC) - Part 1: Pipes and fittings with flexible joints (prEN 14636-1) ▪ Plastics piping systems for non-pressure drainage and sewerage - Polyester resin concrete (PRC) - Part 2: Manholes and inspection chambers (prEN 14636-2)
M/119	Floorings <i>Note: See also M/132</i>	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Concrete paving blocks (EN 1338); ▪ Concrete paving flags (EN 1339); ▪ Concrete kerb units (EN 1340); ▪ Slabs of natural stone (EN 1341); ▪ Kerbs of natural stone (EN 1343); ▪ Setts of natural stone for external paving (EN 1342); ▪ Clay pavers (EN 1344); ▪ Screed material and floor screeds - Screed material 	<ul style="list-style-type: none"> ▪ Agglomerated stone - Slabs and cut-to-size products for flooring and stairs (internal and external) (WI 00246108) <p><i>It will be included in the next answer to the mandate</i></p>

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		(EN 13813); <ul style="list-style-type: none"> ▪ Natural stone modular tiles (EN 12057); ▪ Natural stone slabs for floors and stairs (EN 12058); ▪ Terrazzo tiles for internal and external use (EN 13748-1; EN 13748-2) ; ▪ Binders for magnesite screeds (EN 14016-1); ▪ Resilient textile and laminate floor coverings (EN 14041); ▪ Ceramic tiles (EN 14411*); ▪ Wood flooring (EN 14342) - the revision excludes bamboo and probably will not be accepted by the EC for citation; ▪ Surfaces for sports areas – Indoor surfaces for multi-sports use – Specification (EN 14904); ▪ Glass blocks and glass pavers (EN 1051-2); ▪ Agglomerated stone – Modular tiles for flooring (internal and external) (EN 15285) 	
M/120	Structural metallic products and ancillaries	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Hot rolled products of structural steels (EN 10025-1); ▪ Welding consumables – Filler metals for fluxes for fusion welding (EN 13479); ▪ High strength structural bolting assemblies for preloading (EN 14399-1) ▪ Aluminium and aluminium alloys – Structural products for construction works (EN 15088) ▪ Cold formed welded structural hollow sections of non-alloy and fine grain steels – Part 1: Technical delivery conditions (EN 10219-1) ▪ Hot finished structural hollow sections of non-alloy and fine grain steels – Part 1: Technical delivery conditions (EN 10210-1) ▪ Non-preloaded structural bolting assemblies – Part 1: General requirements (EN 15048-1); ▪ Steel castings for structural uses (EN 10340*) 	<ul style="list-style-type: none"> ▪ Hot-rolled steel sheet piling (prEN 10248-1); ▪ Cold formed steel sheet piling (prEN 10249-1); ▪ Welding – studs and ceramic ferrules for arc stud welding (ISO 13918:2008); WI 00121401 ▪ Stainless steels - Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general and construction purposes (prEN 10088-3) ▪ Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general and construction purposes (prEN 10088-2)

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Steel and aluminium structural components (EN 1090-1*); ▪ Stainless steels - Part 5: Technical delivery conditions for bars, rods, wire, sections and bright products of corrosion resisting steels for construction purposes (EN 10088-5); ▪ Stainless steels - Part 4: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes (EN 10088-4); ▪ Steels for quenching and tempering for construction purposes - Technical delivery conditions (EN 10343); 	
<p>M/121</p>	<p>Internal and external wall and ceiling finishes</p>	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Suspended ceilings (EN 13964); ▪ Natural stone slabs for cladding (EN 1469); ▪ High-pressure decorative laminates (EN 438-7); ▪ Stretched ceilings (EN 14716); ▪ Slate and stone products (EN 12326-1); ▪ Fully supported metal sheet and strip for roofing, external cladding and internal lining - Product specification and requirements (EN 14783); ▪ Decorative wall-coverings - Roll and panel form (EN 15102); ▪ Plastics - Profiles for internal and external wall and ceiling finishes (EN 13245-2); ▪ Clay roofing tiles and fittings (EN 1304); ▪ Concrete roofing tiles and fittings (EN 490); ▪ Fibre-cement slates and fittings (EN 492); ▪ Fibre-cement profiled sheets and fittings (EN 494); ▪ Fibre-cement flat sheets (EN 12467); ▪ Light transmitting single skin profiled plastics sheeting for internal and external roofing, wall cladding and ceiling finishes – Part 1: General requirements and test 	<ul style="list-style-type: none"> ▪ Thermoplastic films and sheets for internal wall and ceiling linings (WI 00249503) ▪ <i>Schist and schistose stone types for discontinuous roofing - Requirements and test method (prEN 12326-3) not yet in answer to the mandate of CEN/TC 128</i>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<p>methods (EN 1013);</p> <ul style="list-style-type: none"> ▪ Self-supporting double skin metal faced insulating panels – Factory made products – Specifications (EN 14509); ▪ Bitumen shingles with mineral and/or synthetic (EN 544); ▪ Corrugated bitumen sheets – Product specification and test methods (EN 534) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Solid wood panelling and cladding - Characteristics, evaluation of conformity and marking (EN 14915)</i> ▪ <i>Agglomerated stone - Slabs and tiles for wall finishes (internal and external) (EN 15286)</i> ▪ <i>Light transmitting flat solid polycarbonate (PC) sheets for internal and external roofs, walls and ceilings - Requirements and test methods (EN 16240) (CPR)</i> 	
M/122	Roof coverings, roof lights, roof windows and ancillary products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Fibre-cement flat sheets (EN 12467) ; ▪ Fibre-cement slates and fittings (EN 492); ▪ Permanently fixed roof ladders (EN 12951); ▪ Fibre-cement profiled sheets and fittings (EN 494); ▪ Clay roofing tiles and fittings (EN 1304); ▪ Clay pavers (EN 1344); ▪ Concrete roofing tiles and fittings (EN 490); ▪ Individual roof lights of plastics (EN 1873) ▪ Bitumen shingles with mineral and/or synthetic (EN 544) ▪ Prefabricated accessories for roofing-walkways, treads 	



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<p>and steps (EN 516)</p> <ul style="list-style-type: none"> ▪ Prefabricated accessories for roofing- Roof safety hooks (EN 517) ▪ Self-supporting metal sheet for roofing, external cladding and internal lining (EN 14782) ▪ Rigid underlays for discontinuous roofing – Definitions and characteristics (EN 14964): ▪ Self-supporting double skin metal faced insulating panels – Factory made products – Specifications (EN 14509) ▪ Corrugated bitumen sheets – Product specification and test methods (EN 534) ▪ Roof coverings - Continuous rooflights of plastics with or without upstands - Classification, requirements and test methods (EN 14963) ▪ Light transmitting single skin profiled plastics sheeting for internal and external roofing, wall cladding and ceiling finishes – Part 1: General requirements and test methods (EN 1013); ▪ Fully supported metal sheet and strip for roofing, external cladding and internal lining - Product specification and requirements (EN 14783); ▪ Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external roofs, walls and ceilings - Requirements and test methods" (EN 16153); ▪ Slate and stone products (EN 12326-1) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Light transmitting flat solid polycarbonate (PC) sheets for internal and external roofs, walls and ceilings - Requirements and test methods (EN 16240) (CPR)</i> 	
M/124	Road construction products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Joint fillers and sealants (EN 14188-1 ;EN 14188-2 ; EN 	<ul style="list-style-type: none"> ▪ Bitumen and bituminous binders - Specification framework for special paving grade bitumen - Part 2: Multigrade paving



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		14188-3) ; <ul style="list-style-type: none"> ▪ Dowels for use in concrete pavements (EN 13877-3) ▪ Bituminous mixtures- Asphalt concrete (EN 13108-1*) ▪ Bituminous mixtures-Asphalt concrete for very thin layers (EN 13108-2*) ▪ Bituminous mixtures-Soft asphalt (EN 13108-3*) ▪ Bituminous mixtures-Hot rolled asphalt (EN 13108-4*) ▪ Bituminous mixtures- Stone mastic asphalt (EN 13108-5*) ▪ Bituminous mixtures-Mastic asphalt (EN 13108-6*) ▪ Bituminous mixtures-Porous asphalt (EN 13108-7*) ▪ Surface dressing – Requirements (EN 12271) ▪ Slurry surfacing – Specifications (EN 12273) ▪ Bitumen and bituminous binders – Specifications for paving grade bitumens (EN 12591); ▪ Bitumen and bituminous binders – Specifications for hard paving grade bitumens (EN 13924); ▪ Bitumen and bituminous binders - Framework for specifying cationic bituminous emulsions (EN 13808) (CPR); ▪ Bitumen and bituminous binders – Framework for specifying cut-back and fluxed bituminous binders (EN 15322) (CPR); ▪ Flexible sheets for waterproofing – Reinforced bitumen sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles (EN 14695); ▪ Bitumen and bituminous binders – Framework specification for polymer modified bitumens (EN 14023) 	grade bitumen (prEN 13924-2) (<i>answer to mandate of CEN/TC 336 is being updated</i>) <ul style="list-style-type: none"> ▪ Slurry surfacing - Specification for airfields (prEN 16333) ▪ Unbound mixtures – Specifications (prEN 13285) <i>to be prepared following amendment of M/124</i> ▪ Synthetic sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics (WI 00254157) <i>answer to mandate needs to be amended</i>
M/125	Aggregates	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Aggregates for concrete (EN 12620) ; 	<ul style="list-style-type: none"> ▪ Lightweight aggregates for concrete, mortar, grout, bituminous mixtures, surface treatments and for unbound and bound applications (prEN 13055)

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Bituminous mixtures (EN 13043) ; ▪ Aggregates for mortar (EN 13139); ▪ Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout (EN 13055-1) ▪ Lightweight aggregates - Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications (EN 13055-2), ▪ Unbound and hydraulically bound materials (EN 13242); ▪ Aggregates for railway ballast (EN 13450); ▪ Armourstone- Part 1 (EN 13383-1); 	<p><i>This standard will revise and supersede part 1 and part 2. (answer to be revised)</i></p>
M/127	Construction adhesives	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Adhesives for tiles - Requirements, evaluation of conformity, classification and designation (EN 12004); ▪ General purpose adhesives for structural assembly - Requirements and test methods (EN 15274); ▪ Structural adhesives. Characterisation of anaerobic adhesives for co-axial metallic assembly in building and civil engineering structures (EN 15275); 	<ul style="list-style-type: none"> ▪ <i>Adhesives for floor coverings - Essential characteristics (prEN 14259)</i> ▪ <i>Adhesives for bonding parquet to subfloor – Essential characteristics (prEN 14293)</i> <p><i>CEN/TC 193 needs to revise the answer to the mandate to include the 2 standards.</i></p>
M/128	Products related to concrete, mortar and grout	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Admixtures for concrete, mortar and grout (EN 934-2); ▪ Admixtures for masonry mortar (EN 934-3); ▪ Admixtures for grout for prestressing tendons (EN 934-4); ▪ Admixtures for sprayed concrete (EN 934-5); ▪ Surface protection systems for concrete (EN 1504-2); ▪ Protection and repair of concrete structures - Structural and non-structural repair (EN 1504-3); ▪ Structural bonding (EN 1504-4); ▪ Concrete injection (EN 1504-5); ▪ Products and systems for the protection and repair of 	<ul style="list-style-type: none"> ▪ Hydraulic silica-calcium fume for concrete - Definitions, requirements and conformity criteria (WI 00104341 - prEN 16622)

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		concrete structures - Part 6: Anchoring of reinforcing steel bar (EN 1504-6); <ul style="list-style-type: none"> ▪ Products and systems for the protection and repair of concrete structures - Part 7: Reinforcement corrosion protection (EN 1504-7); ▪ Fly ash for concrete (EN 450-1); ▪ Pigments for the colouring of building materials based on cement and/or lime (EN 12878); ▪ Silica fume for concrete (EN 13263-1); ▪ Fibres for concrete - Part 1: Steel fibres - Definitions, specifications and conformity (EN 14889-1); ▪ Fibres for concrete - Part 2: Polymer fibres - Definitions, specifications and conformity (EN 14889-2); ▪ Ground granulated blast furnace slag for use in concrete, mortar and grout - Part 1: Definitions, specifications and conformity criteria (EN 15167-1); 	
M/129	Space heating appliances	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Ceiling mounted radiant panels (EN 14037-1); ▪ Residential independent boilers fired by solid fuel (EN 12809); ▪ Residential cookers fired by solid fuel (EN 12815); ▪ Inset appliances including open fires fired by solid fuels (EN 13229); ▪ Room heaters fired by solid fuel (EN 13240); ▪ Radiators and convectors (EN 442-1); ▪ Slow heat release appliances fired by solid fuel - Requirements and test methods (EN 15250); ▪ Flued oil stoves with vaporizing burners (EN 1); ▪ Residential space heating appliances fired by wood pellets - Requirements and test methods (EN 14785); ▪ Multi firing Sauna stoves fired by solid fuel - Requirements and test methods (EN 15821) 	<ul style="list-style-type: none"> ▪ Residential solid fuel burning appliances — Part 2-1 Roomheaters (prEN 13240 rev) ▪ Residential solid fuel burning appliances — Part 2-2 Inset appliances including open fires (prEN 13229 rev) ▪ Residential solid fuel burning appliances — Part 2-3 Cookers (prEN 12815 rev) ▪ Residential solid fuel burning appliances — Part 2-4 Independent boilers fired by solid fuel. Nominal heat output up to 50 kW (prEN 12809 rev) ▪ prEN 16510 : Residential solid fuel burning appliances - Part 2-5: Slow Heat Release Appliances (15250:2007 rev) <p><i>Note: reorganization of existing hENs and work programme awaited</i></p>
M/131	Pipes, tanks and ancillaries not in	<p style="text-align: center;"><u>1. Already cited</u></p>	<ul style="list-style-type: none"> ▪ Plastics piping systems for non-pressure drainage and sewerage - Polyester resin

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
	<p>contact with water intended for human consumption</p>	<ul style="list-style-type: none"> ▪ Concrete pipes and fittings, un-reinforced, steel fibre and reinforced (EN 1916); ▪ Elastomeric seals (EN 681-1;EN 681-2; EN 681-3; EN 681-4; EN 682); ▪ Overfill prevention devices for static tanks for liquid petroleum fuels (EN 13616); ▪ Thermoplastic static tanks for above ground storage of domestic heating oils, kerosene and diesel fuels (EN 13341); ▪ Workshop fabricated steel tanks (EN 12285-2); ▪ Galvanized steel pipes and fittings with spigot and socket (EN 1123-1); ▪ Welded stainless steel pipes with spigot and socket (EN 1124-1); ▪ Non-alloy steel tubes and fittings (EN 10224); ▪ Joints for the connection of steel tubes and fittings (EN 10311); ▪ Welded stainless steel tubes (EN 10312); ▪ Leak detection systems (EN 13160-1); ▪ Copper and copper alloys - Seamless, round copper tubes for water and gas in sanitary and heating applications (EN 1057); ▪ Corrugated safety metal hose assemblies for the connection domestic appliance using gaseous fuels (EN 14800); ▪ Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings - Requirements, test methods and quality assurance (EN 877); ▪ Adhesives for non-pressure thermoplastic piping systems – Specifications (EN 14680); ▪ Adhesives for thermoplastic piping systems for fluids under pressure – Specifications (EN 14814); ▪ Safety gas connection valves for metal hose assemblies used for the connection of domestic appliances using gaseous fuel (EN 15069); 	<p>concrete (PRC) - Part 1: Pipes and fittings with flexible joints (prEN 14636-1);</p> <ul style="list-style-type: none"> ▪ Plastics piping systems for renovation of underground water supply networks - Part 3: Lining with close fit-pipes (prEN 14409-3); ▪ Elastomeric packed metallic stripwound safety gas hose assemblies for the connection of domestic appliances using gaseous fuels (prEN 15070) ▪ Thermoplastics static tanks for above ground storage of domestic heating oils, kerosene and diesel fuels - Secondary containments used with tanks complying with EN 13341 - Requirements and test methods (prEN 15724) ▪ Copper and copper alloys - Pre-insulated copper tubes with solid covering (prEN 13349) ▪ Copper and copper alloys - Plumbing fittings - Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes (prEN 1254-1) ▪ Copper and copper alloys - Plumbing fittings - Part 2: Fittings with compression ends for use with copper tubes (prEN 1254-2) ▪ Plumbing fittings - Part 3: Fittings with compression ends for use with plastic pipes (prEN 1254-3) ▪ Plumbing fittings - Part 4: Fittings combining other end connections with capillary or compression ends (prEN 1254-4) ▪ Plumbing fittings - Part 5: Fittings with short ends for capillary brazing to copper tubes (prEN 1254-5)

MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<ul style="list-style-type: none"> ▪ Non-Alloy steel tubes suitable for welding and threading (EN 10255); ▪ Ductile iron pipes, fittings, accessories and their joints for sewerage applications (EN 598); ▪ Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings (EN 331); ▪ Vitrified clay pipes and fittings and pipe joints for drains and sewers (EN 295-1); ▪ Requirements for special fittings, adaptors and compatible accessories (EN 295-4); ▪ Requirements for perforated vitrified clay pipes and fittings (EN 295-5); ▪ Requirements for components of manholes and inspection chambers (EN 295-6); ▪ Requirements for vitrified clay pipes and joints for pipe jacking (EN 295-7) <p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Industrial valves - Performance characteristics of thermoplastic valves when used as construction products (EN 15389). Problem with clauses allowing CE marking info on web. Needs to be revised.</i> ▪ <i>Stainless steel pliable corrugated tubing systems in buildings for gas with an operating pressure up to 0,5 bar (EN 15266). Already available but not cited in the official journal due to the issue with the American producers</i> 	<ul style="list-style-type: none"> ▪ Copper and copper alloys - Plumbing fittings - Part 6: Fittings with push-fit ends (prEN 1254-6) ▪ Copper and copper alloys - Plumbing fittings - Part 7: Fittings with press ends for metallic tubes (prEN 1254-7) ▪ Copper and copper alloys - Plumbing fittings - Part 8: Fittings with press ends for use with plastics and multilayer pipes (prEN 1254-8) ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 2: Lining with continuous pipes (prEN 13566-2) ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 3: Lining with close-fit pipes (prEN 13566-3) ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (prEN 13566-4) ▪ Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (prEN 13566-7) ▪ Industrial valves - Performance characteristics of metallic valves when used as construction products (WI 00069133) ▪ Industrial valves - Performance characteristics of safety devices for protection against excessive pressure when used as construction products (WI 00069134) <p><i>NOTE: CEN/TC 69 has decided to withdraw this WI from the response to the</i></p>



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			<p><i>mandate M/131. This will be covered in the amended answer.</i></p> <ul style="list-style-type: none"> ▪ Thermoplastics static tanks with secondary containment for above ground storage of domestic heating oils, kerosene and diesel fuels - Requirements and test methods (WI 00266018) • Parts for supply systems for consuming units with liquid fuels - Part 1: Safety requirements and tests - Terminology, general requirements (prEN 12514-1) ▪ Atomizing oil burners and their components - Function - Safety - Testing- Parts for supply systems for demand appliance with liquid fuels — Part 2: Safety requirements and tests — Feed pumps, control and safety devices, operating vessels (prEN 12514-2) ▪ Atomizing oil burners and their components - Function - Safety - Testing- Parts for supply systems for consuming units with liquid fuels - Part 3: Safety requirements and tests - Valves and meters (prEN 12514-3) ▪ Atomizing oil burners and their components - Function - Safety - Testing- Parts for supply systems for consuming units with liquid fuels - Part 4: Safety requirements and tests - Pippings and parts within pipelines (prEN 12514-4) ▪ Plastics piping systems - Non pressure soil and waste discharge piping components within the building structure - Requirements and test/assessment methods for pipes and fittings (EN 15012 rev) ▪ Plastics piping systems - Non-pressure



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			<p>drainage and sewerage piping components buried in ground - Requirements and test/assessment methods for pipes and fittings (EN 15013 rev)</p> <ul style="list-style-type: none"> ▪ Plastics piping systems - Buried and above ground piping components for water and other liquids under pressure - Requirements and test/assessment methods for pipes and fittings (EN 15014 rev) ▪ Plastics piping systems - Hot and cold water piping components - Requirements and test/assessment methods for pipes and fittings (EN 15015 rev) ▪ Leak detection systems - Part 2: Requirements and test/assessment methods for pressure and vacuum kits (pr EN 13160-2) ▪ Leak detection systems - Part 3: Requirements and test/assessment methods for liquid systems for tanks (pr EN 13160-3) ▪ Leak detection systems - Part 2: Requirements and test/assessment methods for pressure and vacuum kits (pr EN 13160-4) ▪ Leak detection systems - Part 5: Requirements and test/assessment methods for in-tank gauge systems and pressurised pipework systems (pr EN 13160-5) ▪ Leak detection systems - Part 7: Requirements and test/assessment methods for leak detection linings (pr EN 13160-7) ▪ Overfill prevention devices for static tanks



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			<p>for liquid fuels - Requirements and test/assessment methods - Part 1: Overfill prevention devices with closure device (prEN 13616-1)</p> <ul style="list-style-type: none"> ▪ Overfill prevention devices for static tanks for liquid fuels - Requirements and test/assessment methods - Part 2: Overfill prevention devices without closure device (prEN 13616-2) ▪ Flexible couplings - Part 2: Performance requirements (FprEN 16397-2) <p><i>Amendment to answer to mandate ongoing</i></p> <ul style="list-style-type: none"> ▪ Steel threaded pipe fittings (10241) ▪ Threaded pipe fitting in malleable cast iron (prEN 10242 rev) ▪ Butt-welding pipe fittings - Part 1: Wrought carbon steel for general use and without specific inspection requirements (10253-1) ▪ Butt-welding pipe fittings - Part 3: Wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements (10253-3) ▪ Malleable cast iron fittings with compression ends for polyethylene (PE) piping systems (prEN 10284 rev - EC110214) ▪ Malleable cast iron fittings with compression ends for steel pipes (prEN 10344) <p><i>Answer to the mandated needs to be prepared</i></p> <ul style="list-style-type: none"> ▪ Steel tubes for precision applications - Technical delivery conditions - Part 5: Welded cold sized square and rectangular tubes (prEN 10305-5 rev – EC110219) ▪ Workshop fabricated steel tanks - Part 1: Horizontal cylindrical single skin and double skin tanks for the underground



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			storage of flammable and nonflammable water polluting liquids – EN 12285-1 (CEN/TC 265)
M/132	Floor screeds Anti-seismic devices Drop on materials	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Binders, composite binders and factory made mixtures for floor screeds based on calcium sulphate (EN 13454-1); ▪ Drop on materials for road markings (EN 1423); ▪ Anti-seismic devices (prEN 15129) 	<ul style="list-style-type: none"> ▪ Road marking materials - Premix glass beads (prEN 1424) <p><i>Amendment to mandate received and it will be included in the amended answer of CEN/TC 226</i></p>
M/135	Flat glass, profiled glass and glass block products	<p style="text-align: center;"><u>1. Already cited</u></p> <ul style="list-style-type: none"> ▪ Glass in buildings -Coated glass (EN 1096-4); ▪ Thermally toughened soda lime silicate safety glass (EN 12150-2); ▪ Chemically strengthened soda lime silicate glass (EN 12337-2); ▪ Thermally toughened borosilicate safety glass (EN 13024-2); ▪ Basic alkaline earth silicate glass (EN 14178-2); ▪ Borosilicate glass (EN 1748-1-2); ▪ Glass ceramics (EN 1748-2-2); ▪ Heat strengthened soda lime silicate glass (EN 1863-2); ▪ Basic soda lime silicate glass (EN 572-9); ▪ Laminated glass and laminated safety glass (EN 14449); ▪ Insulating glass units (EN 1279-5); ▪ Heat soaked thermally toughened soda lime silicate safety glass (EN 14179-2); ▪ Thermally toughened alkaline earth silicate safety glass (EN 14321-2); ▪ Mirrors from silver-coated float glass for internal use (EN 1036-2); 	<ul style="list-style-type: none"> ▪ Glass in building - Basic alumino silicate glass products - Part 2: Evaluation of conformity/Product standard (prEN 15681-2*); <i>No WI available</i> ▪ Glass in building - Painted glass for internal use - Part 2: Evaluation of conformity (pr EN 16477-2)



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
		<p style="text-align: center;"><u>2. Not yet cited</u></p> <ul style="list-style-type: none"> ▪ <i>Glass in building - Heat soaked thermally toughened alkaline earth silicate safety glass - Part 2: Evaluation of conformity/Product standard (EN 15682-2)</i> ▪ <i>Glass in Building - Thermally toughened soda lime silicate channel shaped safety glass - Part 2: Evaluation of conformity/Product standard (EN 15683-2)</i> 	
M/136 rev2	Construction products in contact with water intended for human consumption		<p style="text-align: center;">Standards likely to be harmonized</p> <ul style="list-style-type: none"> ▪ Flexible hose assemblies in drinking water installations - Functional requirements and test methods (prEN 13618) ▪ Ductile iron pipes, fittings, accessories and their joints for water pipelines - Requirements and test methods (EN 545) ▪ Water conditioning equipment inside buildings - Mechanical filters - Part 1: Particle rating 80 µm to 150 µm - Requirements for performances, safety and testing (prEN 13443-1) ▪ Water conditioning equipment inside buildings - Mechanical filters - Part 2: Particle rating 1 µm to less than 80 µm - Requirements for performance, safety and testing (prEN 13443-2) ▪ Water conditioning equipment inside buildings - Electrolytic treatment systems with aluminium anodes - Requirements for performance, safety and testing (prEN 14095) ▪ Water conditioning equipment inside buildings - Membrane separation devices - Requirements for performance, safety and



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			<p>testing (prEN 14652)</p> <ul style="list-style-type: none"> ▪ Water conditioning equipment inside buildings - Softeners - Requirements for performance, safety and testing (prEN 14743) ▪ Water conditioning equipment inside buildings - Chemical dosing systems - Pre-set dosing systems - Requirements for performance, safety and testing (prEN 14812) ▪ Water conditioning equipment inside buildings - Devices using mercury low-pressure ultraviolet radiators - Requirements for performance, safety and testing (prEN 14897) ▪ Water conditioning equipment inside buildings - Active media filters - Requirements for performance, safety and testing (prEN 14898) ▪ Water conditioning equipment inside buildings - Nitrate removal devices - Requirements for performance, safety and testing (prEN 15219) ▪ Water conditioning equipment inside buildings - Adjustable chemical dosing systems - Requirements for performance, safety and testing (prEN 15848)
M/369	Amendment to M/129 to cover thermal solar systems		<ul style="list-style-type: none"> ▪ Thermal solar systems and components - Solar collectors - Part 1: General Requirements (prEN 12975-1)
M/387	Amendment to M/124 'Road construction products'		<ul style="list-style-type: none"> ▪ Bituminous mixtures - Material specifications - Part 9: Bituminous mixture for Ultra-thin layer Asphalt Concrete



MANDATE	TITLE	FINALIZED/HARMONIZED PRODUCT STANDARDS	OUTSTANDING STANDARDS
			(UTLAC) (prEN 13108-9)
M/443	Power, control and communication cables		<ul style="list-style-type: none"> ▪ Power, control and communication cables - Cables for general applications in buildings subject to reaction to fire requirements (prEN 50575) ▪ Power, control and communication cables - Cables for specific applications in buildings subject to resistance to fire (circuit integrity) requirements
M/474	Sealants for non-structural use in joints in buildings and pedestrian walkways	<p style="text-align: center;">1. <u>Already cited</u></p> <ul style="list-style-type: none"> ▪ Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 1: Sealants for facade elements (EN 15651-1). ▪ Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 2: Sealants for glazing (EN 15651-2), ▪ Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 3: Sealants for sanitary joints (EN 15651-3), ▪ Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 4: Sealants for pedestrian walkways (EN 15651-4) 	<ul style="list-style-type: none"> ▪ Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 6: Sealants for internal partition walls (prEN 15651-6) – mandate answer revision under preparation
M/489	External thermal insulation composite systems/kits with rendering (ETICS)		<ul style="list-style-type: none"> ▪ Thermal insulation products for buildings - External thermal insulation composite systems with renders (ETICS) – Specification (WI 88330)



ANNEX 2- List of mandates and Technical Committees involved in the preparation of standards

a) Product Mandates

MANDATE	PRODUCTS COVERED	TCs INVOLVED
M/100	Precast concrete products	<ul style="list-style-type: none"> ▪ CEN/TC 229 'Precast concrete products' ▪ CEN/TC 177 'Prefabricated reinforced components of autoclaved aerated concrete or lightweight aggregate concrete with open structure'
M/101	External and internal doors and windows, roof coverings and roof lights (including fire door and shutters)	<ul style="list-style-type: none"> ▪ CEN/TC 33 'Doors, windows, shutters and building hardware'
M/102	Membranes	<ul style="list-style-type: none"> ▪ CEN/TC 67 'Ceramic tiles' ▪ CEN/TC 254 'Flexible sheets for waterproofing' ▪ CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing-Definitions/requirements and test methods'
M/103	Thermal insulation products	<ul style="list-style-type: none"> ▪ CEN/TC 88 'Thermal insulating materials and products'
M/104	Structural bearings	<ul style="list-style-type: none"> ▪ CEN/TC 167 'Structural bearings'
M/105 M/442	Chimneys	<ul style="list-style-type: none"> ▪ CEN/TC 62 'Independent gas-fired space heaters' ▪ CEN/TC 166 'Chimneys, flues and specific products' ▪ CEN/TC 180 'Domestic and non-domestic gas-fired air heaters and non-domestic gas-fired overhead radiant heaters' ▪ CEN/TC 297 'Free-standing industrial chimneys'
M/106	Gypsum products	<ul style="list-style-type: none"> ▪ CEN/TC 241 'Gypsum and gypsum based products'
M/107	Geotextiles	<ul style="list-style-type: none"> ▪ CEN/TC 189 'Geotextiles and geotextile-related products' ▪ CEN/TC 254 'Flexible sheets for waterproofing'
M/108	Curtain walling	<ul style="list-style-type: none"> ▪ CEN/TC 33 'Doors, windows, shutters and building hardware'

MANDATE	PRODUCTS COVERED	TCs INVOLVED
M/109	Fixed fire-fighting equipment	<ul style="list-style-type: none"> ▪ CEN/TC 72 'Automatic fire detection systems' ▪ CEN/TC 156 'Ventilation for buildings' ▪ CEN/TC 191 'Fixed firefighting systems' ▪ CEN/TC 192 'Fire service equipment'
M/110	Sanitary appliances	<ul style="list-style-type: none"> ▪ CEN/TC 163 'Sanitary appliances'
M/111	Circulation fixtures	<ul style="list-style-type: none"> ▪ CEN/TC 50 'Lighting columns and spigots' ▪ CEN/TC 226 'Road equipment'
M/112	Structural timber products and ancillaries	<ul style="list-style-type: none"> ▪ CEN/TC 124 'Timber structures'
M/113 M/444	Wood-based panels	<ul style="list-style-type: none"> ▪ CEN/TC 112 'Wood-based panels'
M/114	Cement	<ul style="list-style-type: none"> ▪ CEN/TC 51 'Cement and building limes'
M/115	Reinforcing steel	<ul style="list-style-type: none"> ▪ CEN/TC 104 'Concrete' ▪ ECISS/TC 104 'Concrete reinforcing and pre-stressing steels'
M/116	Masonry	<ul style="list-style-type: none"> ▪ CEN/TC 125 'Masonry' ▪ CEN/TC 241 'Gypsum products'
M/118	Waste water engineering	<ul style="list-style-type: none"> ▪ CEN/TC 155 'Plastic piping systems and ducting systems' ▪ CEN/TC 165 'Waste water engineering'
M/119	Floorings	<ul style="list-style-type: none"> ▪ CEN/TC 67 'Ceramic tiles' ▪ CEN/TC 129 'Glass in buildings' ▪ CEN/TC 134 'Resilient and textiles floor coverings' ▪ CEN/TC 175 'Round and sawn timber' ▪ CEN/TC 178 'Paving units and curbs' ▪ CEN/TC 217 'Surfaces for sports areas' ▪ CEN/TC 229 'Precast concrete products' ▪ CEN/TC 246 'Natural stones' ▪ CEN/TC 303 "Floor screeds"
M/120	Structural metallic products	<ul style="list-style-type: none"> ▪ CEN/TC 121 'Welding' ▪ CEN/TC 132 'Alluminium and alluminium alloys'

MANDATE	PRODUCTS COVERED	TCs INVOLVED
		<ul style="list-style-type: none"> ▪ CEN/TC 135 'Execution of steel structures and aluminium structures' ▪ CEN/TC 185 'Threaded and non-threaded mechanical fasteners and accessories' ▪ ECISS/TC 103 'Structural steels other than reinforcements' ▪ ECISS/TC 105 'Steels for heat treatment, alloy steels, free-cutting steels and stainless steels' ▪ ECISS/TC 109 'Coated and uncoated flat products to be used for cold forming' ▪ ECISS/TC 111 'Steel castings and forgings'
M/121	Wall and ceiling finishes	<ul style="list-style-type: none"> ▪ CEN/TC 67 'Ceramic tiles' ▪ CEN/TC 99 'Wall coverings' ▪ CEN/TC 128 'Roof covering products for discontinuous laying and products for wall cladding' ▪ CEN/TC 175 'Round and sawn timber' ▪ CEN/TC 246 'Natural stones' ▪ CEN/TC 249 'Plastics' ▪ CEN/TC 277 'Suspended ceilings' ▪ CEN/TC 357 'Stretched ceilings'
M/122	Roof coverings	<ul style="list-style-type: none"> ▪ CEN/TC 128 'Roof covering products for discontinuous laying and products for wall cladding'
M/124	Road construction products	<ul style="list-style-type: none"> ▪ CEN/TC 227 'Road materials' ▪ CEN/TC 254 'Flexible sheets for waterproofing' ▪ CEN/TC 336 'Bituminous binders'
M/125	Aggregates	<ul style="list-style-type: none"> ▪ CEN/TC 154 'Aggregates'
M/126	Amendments to M/100, M/101, M/102, M/103	<ul style="list-style-type: none"> ▪ Relevant TCs
M/127	Construction adhesives	<ul style="list-style-type: none"> ▪ CEN/TC 67 'Ceramic tiles' ▪ CEN/TC 193 'Adhesives'
M/128	Concrete mortar and grout	<ul style="list-style-type: none"> ▪ CEN/TC 104 'Concrete' ▪ CEN/TC 298 'Pigments and extenders'



MANDATE	PRODUCTS COVERED	TCs INVOLVED
M/129	Space heating appliances	<ul style="list-style-type: none"> ▪ CEN/TC 46 'Oil stoves' ▪ CEN/C 130 'Space heating appliances without integral heat sources' ▪ CEN/TC 295 'Residential solid fuel burning appliances'
M/130	Amendments to M/100, M/101, M/102, M/105, M/106, M/109	<ul style="list-style-type: none"> ▪ Relevant TCs
M/131	Pipes, tanks, not in contact with drinking water	<ul style="list-style-type: none"> ▪ CEN/TC 47 'Atomizing oil burners and their components – Function, Safety, Testing' ▪ CEN/TC 69 'Industrial valves' ▪ CEN/TC 133 "Copper and copper alloys" ▪ CEN/TC 155 'Plastic piping systems and ducting systems' ▪ CEN/TC 164 'Water supply' ▪ CEN/TC 165 'Waste water engineering' ▪ CEN/TC 193 "Adhesives" ▪ CEN/TC 203 'Cast iron pipes, fittings and their joints' ▪ CEN/TC 208 'Elastomeric seals for joints in pipework and pipelines' ▪ CEN/TC 221 'Shop fabricated metallic tanks and equipment for storage and for service stations' ▪ CEN/TC 235 'Gas pressure regulators and associated safety shut-off devices for use in gas transmission and distribution' ▪ CEN/TC 236 'Non-industrial manually operated shut-off valves for gas and particular combinations valves and other products' ▪ CEN/TC 265 "Metallic tanks for the storage of liquids". ▪ CEN/TC 266 'Thermoplastic static tanks' ▪ CEN/TC 393 'Equipment for storage tanks and for filling stations' ▪ ECISS/TC 110 'Steel tubes and fittings for steel

MANDATE	PRODUCTS COVERED	TCs INVOLVED
		tubes
M/132	Amendment to M/104 (Anti-seismic devices), M/111 (Drop on materials), M/119 (Floor screeds)	<ul style="list-style-type: none"> ▪ CEN/TC 226 “Road equipment” ▪ CEN/TC 241 “Gypsum products” ▪ CEN/TC 340 ‘Anti-seismic devices’
M/135	Glass	<ul style="list-style-type: none"> ▪ CEN/TC 129 ‘Glass in buildings’
M/136	Construction products in contact with drinking water	<ul style="list-style-type: none"> ▪ CEN/TC 69 ‘Industrial valves’ ▪ CEN/TC 92 ‘Water meters’ ▪ CEN/TC 133 “Copper and copper alloys” ▪ CEN/TC 155 ‘Plastic piping systems and ducting systems’ ▪ CEN/TC 164 ‘Water supply’ ▪ CEN/TC 193 “Adhesives” ▪ CEN/TC 197 "Pumps" ▪ CEN/TC 203 ‘Cast iron pipes, fittings and their joints’ ▪ CEN/TC 208 ‘Elastomeric seals for joints in pipework and pipelines’ ▪ ECISS/TC 110 ‘Steel tubes and fittings for steel tubes’.
M/138	Amendment to M/103	<ul style="list-style-type: none"> ▪ CEN/TC 88 “Thermal insulating materials and products’
M/139	Amendments to M/100, M/106, M/109, M/110, M/125	<ul style="list-style-type: none"> ▪ Relevant CEN/TCs
M/367	Addendum to M/103	<ul style="list-style-type: none"> ▪ CEN/TC 88 “Thermal insulating materials and products’
M/368	Amendment to M/110	<ul style="list-style-type: none"> ▪ CEN/TC 163 ‘Sanitary appliances’
M/369	Amendment to M/129	<ul style="list-style-type: none"> ▪ CEN/TC 312 ‘Thermal solar systems and components’
M/386	Amendment to M/107	<ul style="list-style-type: none"> ▪ CEN/TC 189 ‘Geotextiles and geotextile-related products”
M/387	Amendment to M/124	<ul style="list-style-type: none"> ▪ CEN/TC 227 ‘Road materials’
M/442	Amendment to M/105	<ul style="list-style-type: none"> ▪ CEN/TC 166 ‘Chimneys’

MANDATE	PRODUCTS COVERED	TCs INVOLVED
M/443	Power, control and communication cables	<ul style="list-style-type: none"> CLC/TC 20 "Electric Cables" (Prepared together with CLC/TC 46X 'Communication cables', CLC/TC 86A 'Optical fiber cables', CLC/SC 46XA "Coaxial cables'CLC/SC 46XC 'Multicore, multipair and quad data communication cables').
M/444	Amendment to M/113	<ul style="list-style-type: none"> CEN/TC112 'Wood-based panels'
M/474	Sealants for non-structural use in joints in buildings and pedestrian walkways	<ul style="list-style-type: none"> CEN/TC 349 'Sealants for joints in building construction'
M/489	External thermal insulation composite systems/kits with rendering (ETICS)	<ul style="list-style-type: none"> CEN/TC 88 'Thermal insulation materials and products'

b) Other mandates (for test methods)

MANDATE	TEST METHODS	TCs INVOLVED
M/88	Reaction to fire test methods	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/117	Resistance to fire	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/123	Amendment to M/88	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/133	Amendment to M/88	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/134	Amendment to M/117	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/137	Amendment to AoC fire	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/385	Amendment to M/88	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings'
M/366	Development of horizontal standardized assessment methods for harmonized approaches relating to dangerous substances under the CPD	<ul style="list-style-type: none"> CEN/TC 351 'Construction products -Assessment of release of dangerous substances
M/447	Amendment to M/117	<ul style="list-style-type: none"> CEN/TC 127 'Fire safety in buildings CEN/TC 166 'Chimneys'



c) Amendment of mandates to cover dangerous substances

Mandate	Title	No amendment	Under discussion EGDS/TC	Mandate to CCMC	TCs replying to mandate	TC answer
M100	Precast concrete products		x		229	
M101	Doors, windows		x		33	
M102	Membranes		x		254,361	
M103	Thermal insulating products				88	88
M104	Structural bearings	x			167	
M105	Chimney	x			62,166,180,297	
M106	Gypsum			x	241	
M107	Geotextiles		x		189	
M108	Curtain walling		x		33	
M109	Fixed fire-fighting equipment	x			72,191,192	
M110	Sanitary appliances	x				
M111	Circulation fixtures	x			50,226	
M112	Structural timber products and ancillaries			x	124	
M113	Wood based panels			x	112	
M114	Cement	x			51	
M115	Reinforcing steel	x			ECISS/TC 104	
M116	Masonry			x	125	
M118	Waste water disposal		x			
M119	Floorings				67,129,134,175,178,217,229,246,303	303, 67, 217, 134, 229/246
M120	Structural metallic products	x			121,132,135,185,ECISS/TC103,ECISS/TC104,ECISS/TC105,ECISS/TC109,ECISS/TC110,ECISS/TC111	
M121	Wall and ceiling finishes			x	67,99,128,175,246,249,277,357	
M122	Roof coverings			x	128	
M124	Road construction products		x		227,336	
M125	Aggregates				154	154
M127	Adhesives		x		67,193	
M128	Concrete, mortar & grout		x			
M129	Space heating appliances	x			46,130,295	



M131	Pipes, tanks NOT in contact DW		x			
M135	Glass			x	129	

d) Mandates/amendments received besides those covered above.

MANDATE	DATE RECEIVED	TITLE
M/115 Rev.1	2009-06	Revised mandate M/115 to CEN and CENELEC concerning the execution of standardization work for harmonized standards on reinforcing and prestressing steel.
M/442	2009-05	Amendments to mandate to CEN and CENELEC concerning the execution of standardization work for a harmonized standard on chimneys, flues and specific products.
M/443	2009-05	Mandate to CEN and CENELEC concerning the execution of standardization work for harmonized standards on power, control and communication cables related to the following end uses: Supply of electricity; Communications; Fire detection and alarm
M/444	2009-05	Amendment to mandate M/113 to CEN/CENELEC concerning the execution of standardization work for harmonized standards on wood-based panels.
M/447	2009-07	Amendment to horizontal complement to the mandates to CEN and CENELEC concerning the execution of standardization work for the evaluation of construction products and elements in respect of their resistance to fire.
M/103	2010-06	Amendment to M/103 "Thermal insulation products", covering ER3
M/119	2010-06	Amendment to M/119 "Floor coverings", covering ER3
M/125	2010-06	Amendment to M/125 "Aggregates" covering ER3
M/106	2013-01	Amendment 1 to M/106 "Gypsum Products" covering ER 3
M/112	2013-01	Amendment 1 to M/112 "Structural Timber Products and Ancillaries" covering ER 3
M/113	2013-01	Amendment 1 to M/113 "Wood Based Panels" covering ER 3
M/116	2013-01	Amendment 1 to M/116 "Masonry Products" covering ER 3
M/121	2013-01	Amendment 1 to M/121 "Wall and Ceiling Finishes" covering ER 3
M/122	2013-01	Amendment 1 to M/122 "Roof Coverings" covering ER 3
M/135	2013-01	Amendment 1 to M/135 "Glass" covering ER 3
M/101 and M/126	2013-02	Amendment to Mandates M/101 and M/126 concerning the execution of standardization work for products intended to be used for external and internal doors and windows (including fire doors and shutters)
M/124	2013-02	Amendment to M/124 concerning the execution of standardization work for harmonized standards on Road Construction Products for inclusion of unbound mixtures.
M/106	2013-02	Amendment to M/106 to include the subfamily 'gypsum board partition kits' related to the end use in internal walls or partitions